

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P455106

Luminaire Tested: **GALN-SA6B-730-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455106
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA6B-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26488 lumens
Efficiency: N/A
Efficacy: 109.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

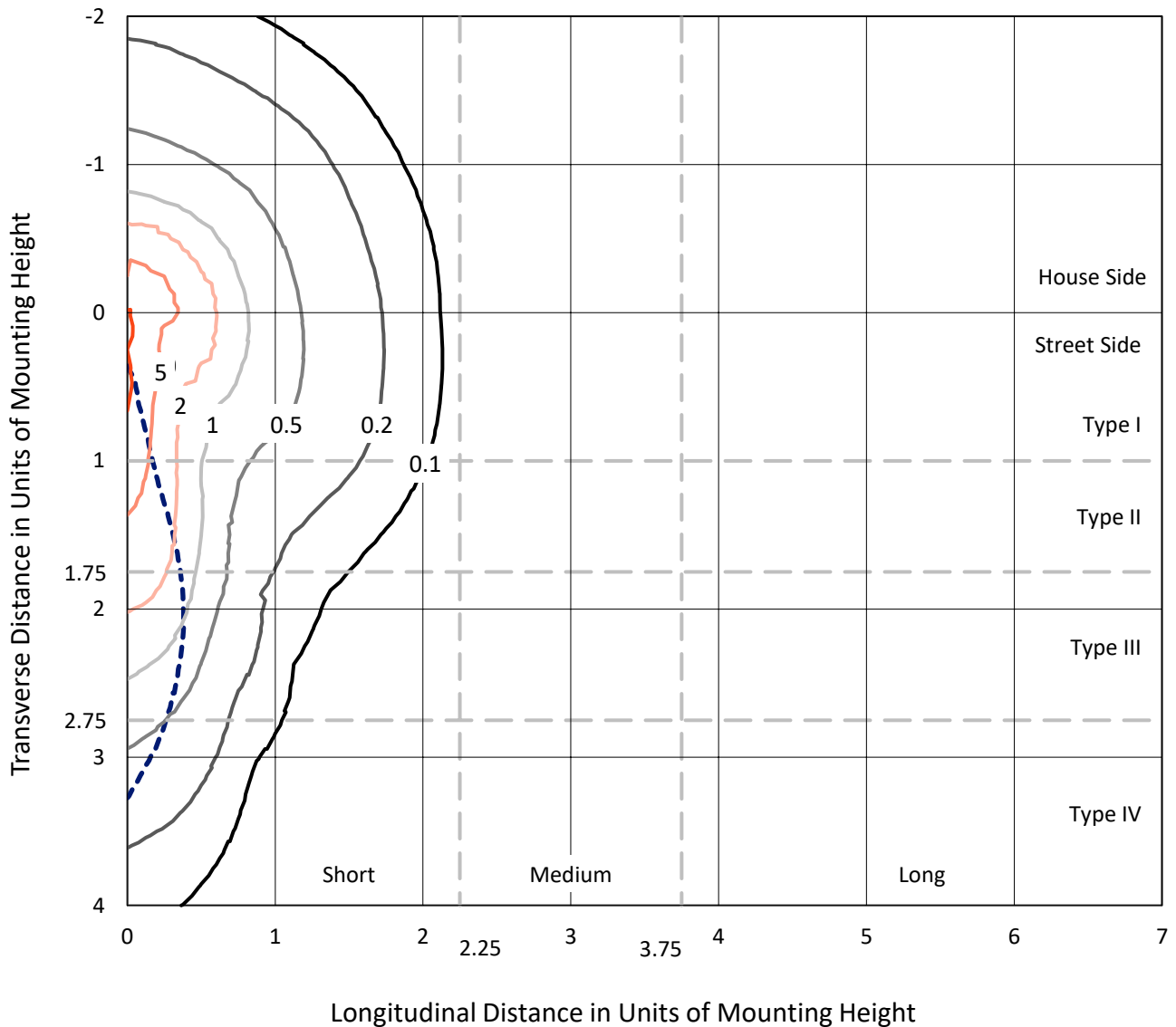




REPORT NUMBER: P455106
 CATALOG NUMBER: GALN-SA6B-730-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

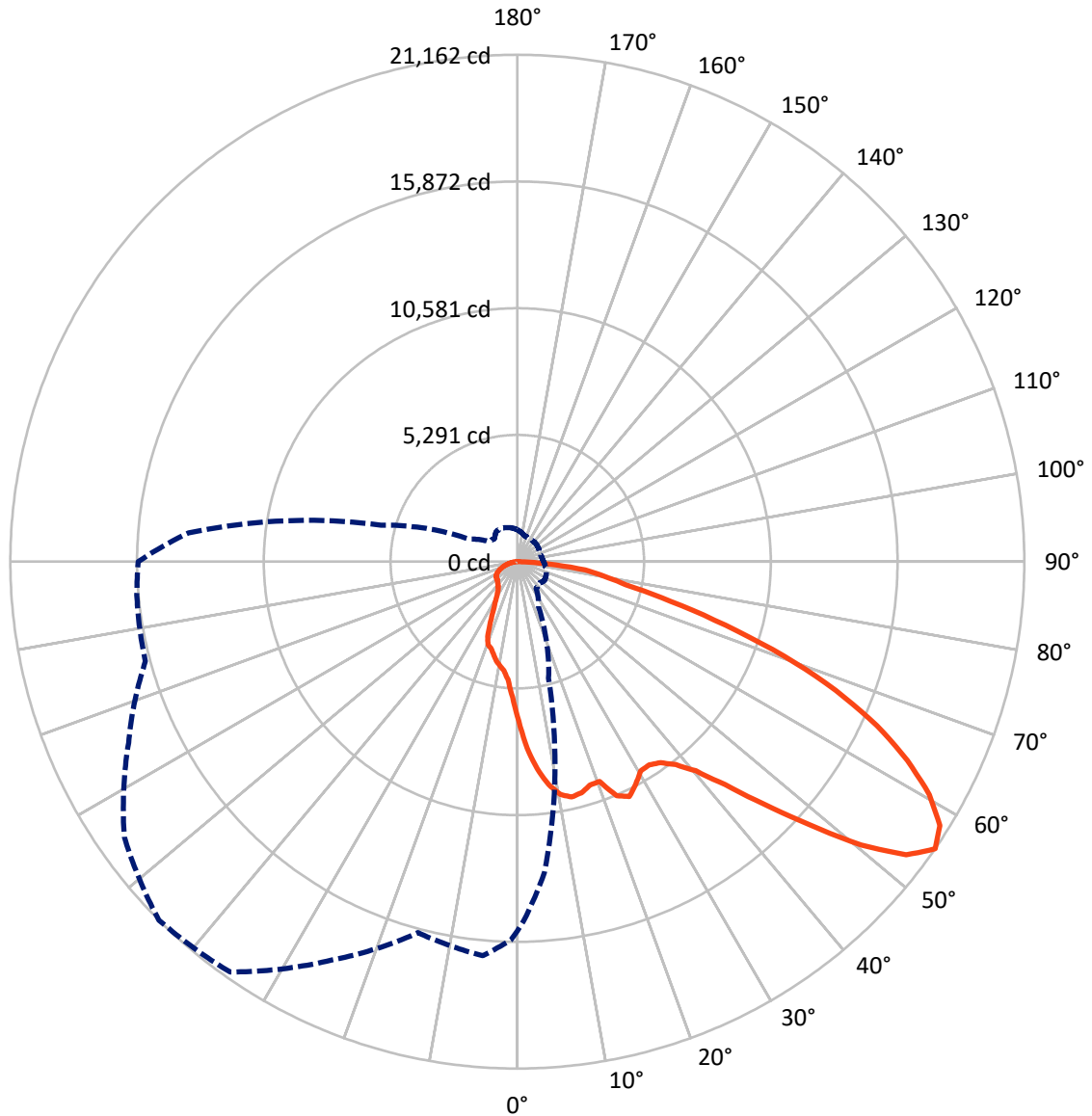
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P455106
CATALOG NUMBER: GALN-SA6B-730-U-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P455106

CATALOG NUMBER: GALN-SA6B-730-U-SLR

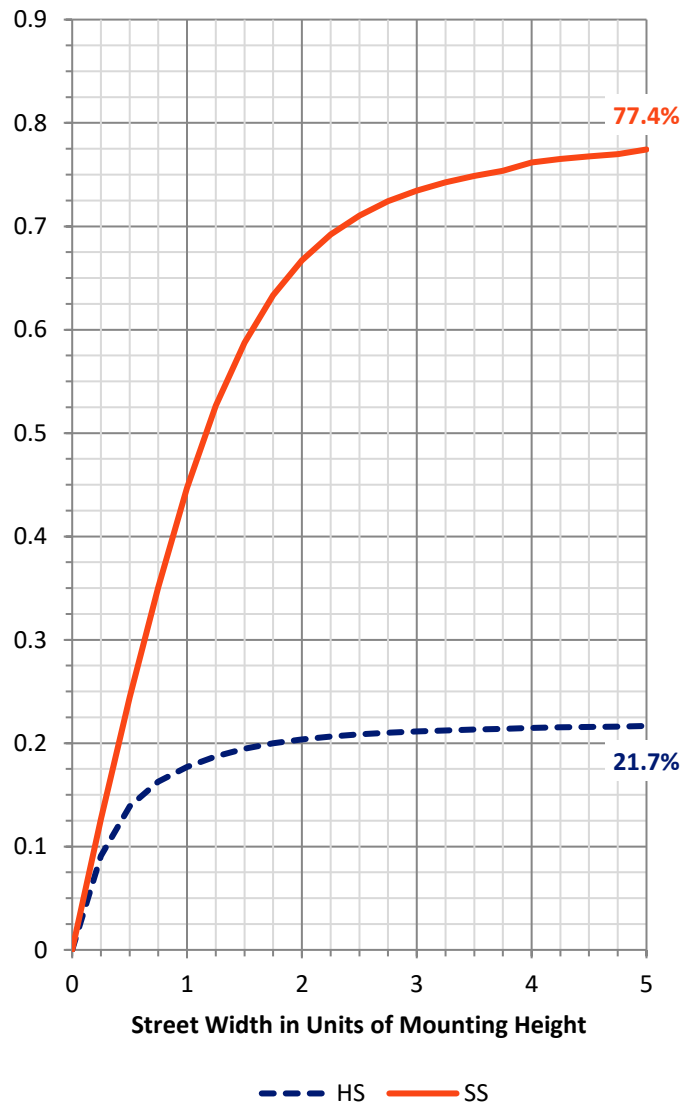
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5794.1	0.0	5794.1
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	20693.9	0.0	20693.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	26488.0	0.0	26488.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	563.4	2.1
10°-20°	1494.7	5.6
20°-30°	2582.1	9.7
30°-40°	3000.9	11.3
40°-50°	4186.8	15.8
50°-60°	5681.0	21.4
60°-70°	5404.8	20.4
70°-80°	2919.8	11.0
80°-90°	654.4	2.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	26488.0	100.0
0°-180°	26488.0	100.0



REPORT NUMBER: P455106

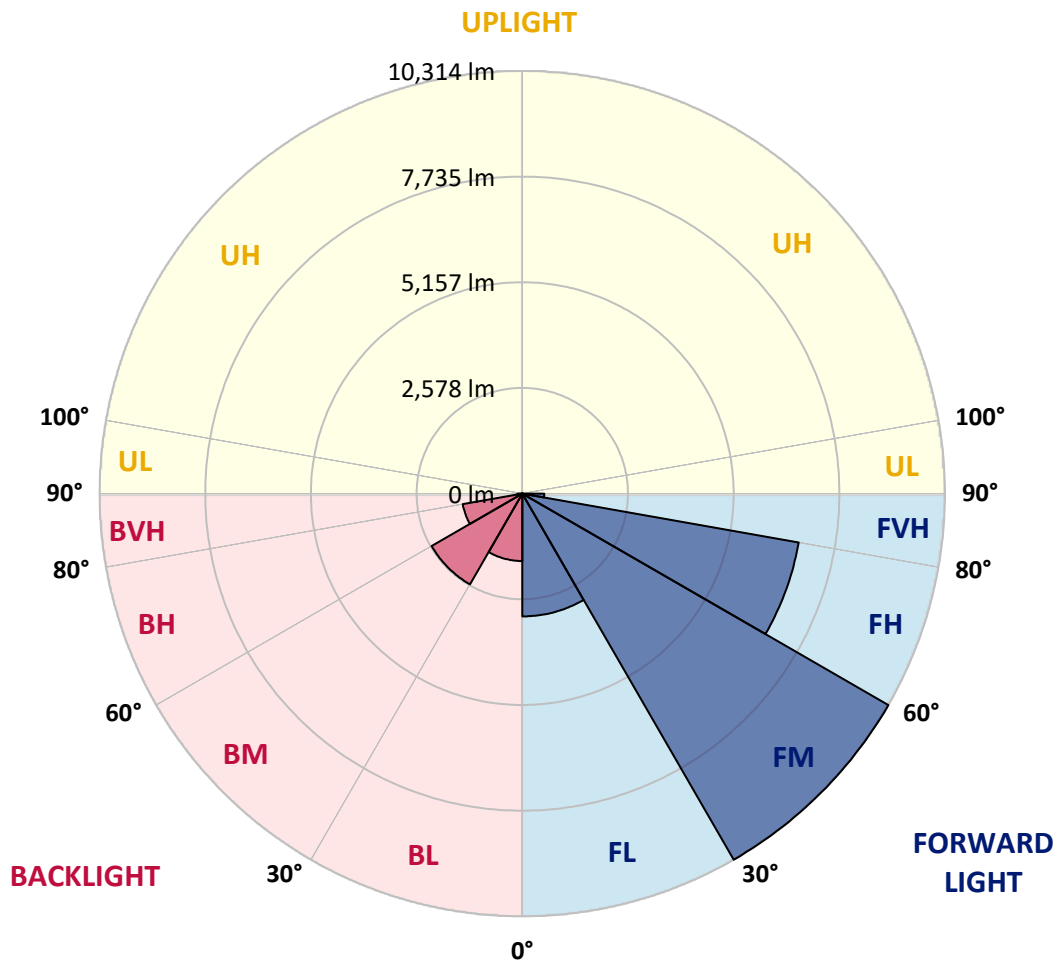
CATALOG NUMBER: GALN-SA6B-730-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2995.9	11.3			
FM	(30°-60°)	10313.9	38.9			
FH	(60°-80°)	6849.4	25.9			G3/7500
FVH	(80°-90°)	534.8	2.0			G4/750
BL	(0°-30°)	1644.4	6.2	B3/2500		
BM	(30°-60°)	2554.8	9.6	B3/5000		
BH	(60°-80°)	1475.3	5.6	B3/2500		G3/2500
BVH	(80°-90°)	119.6	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short





REPORT NUMBER: P455106

CATALOG NUMBER: GALN-SA6B-730-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5
2.5°	7384.9	7356.9	7278.3	7072.1	6864.1	6652.7	6490.2	6287.5	6076.0	5962.4	5817.4
5°	7486.2	7454.8	7269.6	6804.7	6383.6	5941.5	5588.5	5279.2	5153.3	4968.1	4819.6
7.5°	7248.6	7234.6	6956.8	6289.2	5712.5	5134.1	4734.0	4485.8	4260.4	4176.5	4194.0
10°	7031.9	6976.0	6628.2	5756.2	5083.4	4613.4	4326.8	4083.9	3924.9	3882.9	3891.7
12.5°	6851.9	6776.8	6366.1	5398.0	4809.1	4433.4	4068.2	3814.8	3669.7	3709.9	3846.2
15°	6815.2	6713.9	6256.0	5275.7	4658.8	4174.8	3774.6	3482.7	3374.4	3461.8	3680.2
17.5°	7052.9	6925.3	6444.7	5315.9	4515.5	3910.9	3419.8	3086.1	2995.2	3135.0	3419.8
20°	7816.5	7627.8	7033.6	5548.3	4501.5	3779.8	3213.6	2878.1	2916.6	3182.2	3479.3
22.5°	9228.5	8945.4	8064.7	5887.3	4574.9	3746.6	3171.7	2996.9	3208.4	3433.8	3629.5
25°	9508.1	9286.2	8249.9	5964.2	4559.2	3723.9	3290.5	3377.9	3613.8	3725.6	3657.5
27.5°	9665.4	9412.0	8237.7	5583.2	4076.9	3377.9	3145.5	3290.5	3349.9	3241.6	3056.4
30°	10032.3	9768.5	8445.6	5183.1	3356.9	2505.9	2196.6	2137.2	2177.4	2198.3	2131.9
32.5°	10537.4	10277.0	8837.1	4920.9	2902.6	2072.5	1768.5	1684.6	1665.4	1642.6	1616.4
35°	11190.9	10790.8	9221.5	4753.2	2715.6	1917.0	1637.4	1572.7	1546.5	1515.1	1487.1
37.5°	11855.0	11435.6	9707.3	4576.7	2591.5	1808.7	1550.0	1520.3	1474.9	1441.7	1401.5
40°	12561.0	12090.9	10149.4	4422.9	2471.0	1738.8	1487.1	1483.6	1424.2	1385.8	1338.6
42.5°	13172.6	12688.5	10544.4	4328.5	2378.3	1665.4	1448.7	1459.2	1398.0	1340.3	1279.2
45°	13658.4	13183.1	10909.6	4328.5	2303.2	1592.0	1441.7	1434.7	1373.5	1301.9	1232.0
47.5°	14084.8	13593.7	11266.1	4438.6	2256.0	1530.8	1403.2	1415.5	1352.6	1261.7	1193.5
50°	14415.0	13981.7	11746.6	4609.9	2208.8	1481.9	1354.3	1420.7	1335.1	1240.7	1162.1
52.5°	14836.2	14448.3	12325.0	4844.0	2168.6	1427.7	1310.6	1420.7	1333.3	1242.5	1156.8
55°	15419.9	15010.9	13022.3	5038.0	2104.0	1377.0	1272.2	1380.5	1328.1	1233.7	1142.9
57.5°	15828.8	15523.0	13515.1	5167.3	2011.4	1312.4	1237.2	1342.1	1305.4	1200.5	1100.9
58°	15848.0	15549.2	13586.7	5197.0	1988.6	1300.1	1228.5	1324.6	1294.9	1186.5	1086.9
60°	15627.8	15370.9	13600.7	5155.1	1859.3	1239.0	1183.1	1253.0	1239.0	1104.4	1011.8
62.5°	14827.5	14553.1	13036.3	4814.3	1688.1	1163.8	1113.2	1156.8	1125.4	989.1	903.5
65°	13689.8	13184.8	11875.9	4279.6	1565.8	1083.4	1018.8	1022.3	989.1	891.2	816.1
67.5°	12174.8	11610.3	10055.1	3606.8	1473.1	994.3	906.9	898.2	858.0	795.1	733.9
70°	10310.2	9924.0	8171.3	2934.0	1370.0	896.5	781.1	775.9	751.4	704.2	650.1
72.5°	8356.5	7865.5	6598.5	2348.6	1244.2	802.1	664.0	674.5	643.1	609.9	560.9
75°	6166.9	5845.4	5100.9	1883.8	1074.7	699.0	554.0	557.4	543.5	508.5	470.1
77.5°	4061.2	3965.1	3648.8	1237.2	826.6	555.7	452.6	456.1	445.6	414.2	374.0
80°	2733.1	2668.4	2472.7	796.9	552.2	401.9	349.5	353.0	351.2	318.0	263.9
82.5°	1684.6	1656.6	1593.7	538.2	382.7	288.3	230.7	241.2	260.4	223.7	180.0
85°	795.1	796.9	962.9	293.6	225.4	185.2	125.8	134.6	134.6	134.6	101.4
87.5°	103.1	108.3	132.8	124.1	82.1	69.9	45.4	38.4	33.2	43.7	31.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P455106
 CATALOG NUMBER: GALN-SA6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5
2.5°	5766.7	5731.8	5656.6	5639.2	5628.7	5658.4	5579.7	5600.7	5565.8	5663.6	5647.9
5°	4828.3	4831.8	4893.0	4933.2	4947.1	4933.2	4880.7	4789.9	4720.0	4692.0	4699.0
7.5°	4160.8	4221.9	4326.8	4443.9	4550.5	4581.9	4552.2	4379.2	4190.5	4071.7	4033.2
10°	3938.8	4021.0	4141.6	4234.2	4328.5	4403.7	4419.4	4284.8	4061.2	3779.8	3669.7
12.5°	3951.1	4062.9	4178.2	4208.0	4199.2	4228.9	4214.9	4192.2	4045.4	3687.2	3503.7
15°	3835.7	3968.6	4048.9	4033.2	4005.2	3979.0	3942.3	3884.7	3832.2	3580.6	3377.9
17.5°	3570.1	3706.4	3772.8	3778.1	3778.1	3771.1	3682.0	3661.0	3654.0	3531.7	3407.6
20°	3619.1	3694.2	3664.5	3615.6	3629.5	3676.7	3624.3	3613.8	3654.0	3708.2	3685.5
22.5°	3647.0	3620.8	3397.1	3180.4	3131.5	3278.3	3308.0	3425.1	3587.6	3783.3	3910.9
25°	3474.0	3262.6	2862.4	2617.7	2479.7	2616.0	2794.2	3010.9	3253.8	3505.5	3654.0
27.5°	2904.3	2743.6	2457.0	2236.8	2116.2	2137.2	2289.2	2486.7	2712.1	2881.6	2990.0
30°	2187.9	2116.2	1967.7	1892.5	1819.1	1801.7	1866.3	1941.5	2041.1	2062.0	2090.0
32.5°	1611.2	1600.7	1609.4	1585.0	1571.0	1569.2	1550.0	1567.5	1578.0	1590.2	1565.8
35°	1457.4	1443.4	1419.0	1412.0	1403.2	1406.7	1398.0	1389.3	1396.2	1406.7	1413.7
37.5°	1378.8	1357.8	1322.9	1310.6	1310.6	1315.9	1301.9	1298.4	1310.6	1343.8	1361.3
40°	1317.6	1293.1	1253.0	1237.2	1247.7	1261.7	1242.5	1235.5	1265.2	1300.1	1328.1
42.5°	1259.9	1240.7	1202.3	1184.8	1193.5	1219.7	1191.8	1186.5	1225.0	1263.4	1296.6
45°	1211.0	1191.8	1156.8	1148.1	1151.6	1176.1	1156.8	1156.8	1193.5	1235.5	1265.2
47.5°	1172.6	1148.1	1125.4	1118.4	1121.9	1135.9	1132.4	1132.4	1167.3	1211.0	1240.7
50°	1134.1	1113.2	1083.4	1086.9	1095.7	1114.9	1113.2	1118.4	1153.3	1207.5	1239.0
52.5°	1116.6	1085.2	1052.0	1055.5	1081.7	1104.4	1097.4	1102.7	1142.9	1244.2	1289.6
55°	1097.4	1055.5	1017.0	1022.3	1052.0	1085.2	1076.5	1083.4	1130.6	1268.7	1331.6
57.5°	1060.7	1011.8	969.9	973.4	1017.0	1052.0	1038.0	1046.7	1102.7	1242.5	1308.9
58°	1045.0	1003.1	962.9	964.6	1006.6	1045.0	1029.3	1036.3	1093.9	1235.5	1298.4
60°	978.6	954.1	919.2	920.9	961.1	994.3	985.6	992.6	1048.5	1184.8	1232.0
62.5°	887.7	873.7	865.0	865.0	889.5	920.9	929.7	938.4	989.1	1071.2	1113.2
65°	789.9	789.9	791.6	791.6	807.3	847.5	852.8	875.5	922.7	962.9	994.3
67.5°	723.5	720.0	723.5	714.7	721.7	746.2	772.4	793.4	842.3	870.3	880.7
70°	637.8	636.1	637.8	625.6	634.3	655.3	672.8	707.7	758.4	779.4	784.6
72.5°	554.0	554.0	557.4	548.7	548.7	571.4	583.7	622.1	669.3	681.5	683.3
75°	466.6	471.8	471.8	459.6	463.1	477.1	492.8	524.2	567.9	576.7	576.7
77.5°	370.5	389.7	389.7	377.5	382.7	384.4	405.4	421.1	454.3	457.8	443.9
80°	269.1	288.3	304.1	293.6	302.3	291.8	304.1	314.5	347.8	332.0	309.3
82.5°	192.2	206.2	218.4	220.2	211.4	192.2	208.0	209.7	225.4	204.5	192.2
85°	106.6	118.8	134.6	127.6	113.6	101.4	106.6	110.1	108.3	103.1	96.1
87.5°	28.0	29.7	33.2	24.5	22.7	19.2	26.2	26.2	29.7	31.5	29.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P455106

CATALOG NUMBER: GALN-SA6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5
2.5°	5660.1	5737.0	5903.0	6028.8	6182.6	6369.6	6589.8	6811.7	7051.1	7126.3	7231.1
5°	4683.3	4875.5	4955.9	5184.8	5412.0	5752.7	6116.2	6537.4	6998.7	7220.6	7433.8
7.5°	4001.8	4104.9	4188.7	4356.5	4629.1	5043.3	5499.4	6025.3	6678.9	7002.2	7315.0
10°	3634.8	3645.3	3748.4	3956.3	4194.0	4559.2	4990.8	5579.7	6308.4	6701.6	7068.6
12.5°	3391.9	3346.4	3458.3	3675.0	3944.1	4281.4	4678.0	5239.0	6041.1	6444.7	6888.6
15°	3178.7	3107.0	3190.9	3412.8	3678.5	4075.1	4501.5	5095.7	5936.2	6406.3	6899.1
17.5°	3183.9	2986.5	3016.2	3203.1	3467.0	3870.7	4387.9	5090.4	6095.2	6637.0	7220.6
20°	3577.1	3260.8	3126.3	3161.2	3416.3	3856.7	4440.4	5335.1	6617.7	7407.6	8031.5
22.5°	3963.3	3772.8	3556.1	3484.5	3624.3	4085.6	4774.1	5913.5	7753.6	8943.7	10070.8
25°	3828.8	3991.3	3937.1	3835.7	3867.2	4249.9	5001.3	6388.8	8636.1	9976.4	11035.4
27.5°	3063.4	3358.7	3418.1	3416.3	3428.6	3743.1	4498.0	6069.0	8746.2	10173.9	11185.7
30°	2152.9	2179.1	2210.6	2271.7	2327.7	2609.0	3519.4	5328.1	8697.3	10263.0	11276.6
32.5°	1553.5	1588.5	1632.2	1716.0	1848.8	2207.1	3079.1	5092.2	8955.9	10631.7	11542.2
35°	1420.7	1460.9	1502.8	1599.0	1724.8	2056.8	2904.3	4994.3	9380.5	11229.4	12019.2
37.5°	1378.8	1424.2	1460.9	1530.8	1632.2	1948.5	2745.3	4927.9	9815.7	11862.0	12658.8
40°	1349.1	1401.5	1431.2	1487.1	1557.0	1848.8	2603.8	4875.5	10236.8	12440.4	13172.6
42.5°	1322.9	1377.0	1415.5	1455.7	1513.3	1759.7	2477.9	4823.1	10602.0	13001.3	13684.6
45°	1291.4	1359.5	1408.5	1439.9	1490.6	1684.6	2381.8	4781.1	11017.9	13499.4	14201.9
47.5°	1265.2	1340.3	1401.5	1438.2	1457.4	1632.2	2304.9	4838.8	11517.7	14020.1	14682.4
50°	1266.9	1338.6	1415.5	1473.1	1422.5	1588.5	2257.8	5067.7	12167.8	14638.7	15061.6
52.5°	1322.9	1410.2	1471.4	1485.4	1373.5	1536.0	2233.3	5467.9	12936.7	15185.7	15444.3
55°	1385.8	1476.6	1543.0	1534.3	1347.3	1469.6	2228.1	5894.3	13779.0	15823.5	15942.4
57.5°	1363.0	1495.9	1597.2	1551.8	1349.1	1405.0	2205.3	6238.5	14483.2	16300.6	16435.1
58°	1356.1	1488.9	1604.2	1548.3	1343.8	1385.8	2200.1	6268.2	14581.1	16333.8	16505.0
60°	1287.9	1427.7	1599.0	1522.1	1314.1	1333.3	2142.4	6364.4	14554.8	16162.5	16547.0
62.5°	1163.8	1279.2	1478.4	1394.5	1223.2	1263.4	2013.1	6245.5	13845.4	15337.7	15933.6
65°	1024.0	1109.7	1242.5	1226.7	1093.9	1191.8	1836.6	5775.5	12424.7	13999.1	14626.5
67.5°	919.2	989.1	1073.0	1050.2	983.8	1095.7	1646.1	4980.3	10830.9	12391.5	13181.3
70°	812.6	866.8	908.7	893.0	872.0	1001.3	1476.6	4041.9	9303.6	10864.1	11629.5
72.5°	704.2	754.9	789.9	767.1	754.9	901.7	1338.6	3136.7	7348.2	8962.9	9946.7
75°	588.9	639.6	664.0	637.8	630.8	795.1	1134.1	2343.4	5513.3	6909.6	7758.9
77.5°	456.1	510.3	541.7	533.0	536.5	653.6	915.7	1604.2	3942.3	4709.5	5604.2
80°	319.8	379.2	400.2	391.4	415.9	498.0	646.6	1018.8	2719.1	3056.4	3687.2
82.5°	197.5	253.4	256.9	265.6	283.1	368.7	487.5	620.4	1707.3	1765.0	2222.8
85°	99.6	120.6	129.3	143.3	159.0	225.4	277.9	384.4	1099.2	831.8	1242.5
87.5°	33.2	34.9	41.9	52.4	64.7	92.6	118.8	157.3	272.6	150.3	384.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P455106

CATALOG NUMBER: GALN-SA6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5	6647.5
2.5°	7442.6	7591.1	7699.4	7799.0	7702.9	7694.2	7599.8	7447.8	7384.9	7384.9
5°	7881.2	8228.9	8510.3	8690.3	8613.4	8428.1	8122.3	7732.6	7522.9	7486.2
7.5°	8001.8	8688.5	9211.0	9396.3	9266.9	8858.0	8272.6	7615.6	7315.0	7248.6
10°	7928.4	8821.3	9588.5	9882.1	9702.1	9083.5	8284.9	7479.3	7108.8	7031.9
12.5°	7851.5	8838.8	9658.4	10083.0	9965.9	9265.2	8374.0	7390.1	6962.0	6851.9
15°	7907.4	8845.8	9572.8	10011.4	10086.5	9483.6	8520.8	7454.8	6932.3	6815.2
17.5°	8260.4	8978.6	9450.4	9805.2	10069.0	9780.7	8938.4	7764.1	7197.9	7052.9
20°	8997.8	9296.6	9520.3	9794.7	10219.3	10387.1	9792.9	8613.4	7944.1	7816.5
22.5°	11133.3	11079.1	10621.2	10616.0	11231.1	11903.9	11863.7	10339.9	9333.3	9228.5
25°	11933.6	11682.0	11019.7	10858.9	11129.8	12167.8	12017.5	10692.9	9763.2	9508.1
27.5°	11620.8	10997.0	10561.8	10525.1	10436.0	11416.4	11778.1	10836.2	9913.5	9665.4
30°	11601.6	10684.2	10062.0	10135.4	10221.1	11157.7	11910.9	11285.3	10298.0	10032.3
32.5°	11648.8	10727.8	10098.7	10112.7	10367.9	11196.2	12057.7	11774.6	10803.0	10537.4
35°	11839.2	10976.0	10332.9	10299.7	10698.1	11447.8	12307.6	12543.5	11493.2	11190.9
37.5°	12146.8	11470.5	10761.0	10752.3	11330.7	11902.2	12618.6	13319.4	12180.0	11855.0
40°	12599.4	12048.9	11523.0	11475.8	12190.5	12641.3	13022.3	14145.9	12978.6	12561.0
42.5°	13146.4	12742.7	12527.8	12714.7	13401.5	13471.4	13651.4	14909.6	13658.4	13172.6
45°	13653.1	13633.9	13932.7	14429.0	14829.2	14409.8	14308.5	15421.6	14186.1	13658.4
47.5°	14256.0	14776.8	15678.5	16405.4	16824.8	15502.0	14869.4	15755.4	14570.6	14084.8
50°	14867.6	16145.1	17585.0	18598.5	18687.7	16688.5	15255.6	16069.9	14920.1	14415.0
52.5°	15510.7	17237.2	19154.2	20332.1	20159.0	17721.3	15629.6	16283.1	15280.1	14836.2
55°	16069.9	17906.5	20031.5	21162.1	20908.7	18350.4	16033.2	16513.8	15793.8	15419.9
57.5°	16382.7	17962.5	19813.0	20800.4	20526.0	18228.1	16218.5	16685.0	16122.3	15828.8
58°	16428.2	17887.3	19619.1	20590.7	20311.1	18125.0	16216.7	16678.0	16143.3	15848.0
60°	16388.0	17399.8	18897.4	19762.4	19468.8	17478.4	16150.3	16547.0	15877.7	15627.8
62.5°	16015.7	16554.0	17651.4	18280.5	18196.6	16468.3	15877.7	16052.4	15068.6	14827.5
65°	15526.5	15400.6	16055.9	16501.6	16564.5	15711.7	15606.8	14983.0	14030.6	13689.8
67.5°	14932.3	14093.5	14091.8	14345.1	14450.0	14547.9	15042.4	13820.9	12534.7	12174.8
70°	13924.0	12078.7	11523.0	11821.8	11734.4	12561.0	14034.1	12188.7	10731.3	10310.2
72.5°	12075.2	9585.0	8695.5	9080.0	8859.8	9850.6	12279.6	10030.6	8873.8	8356.5
75°	9787.7	7170.0	6252.5	6605.5	6469.2	7472.3	10217.6	7285.3	6364.4	6166.9
77.5°	7599.8	5195.3	4662.3	4613.4	4714.7	5560.5	7495.0	4919.2	4195.7	4061.2
80°	4882.5	3718.7	3750.1	3687.2	3739.6	3505.5	4550.5	3138.5	2841.4	2733.1
82.5°	3213.6	2591.5	3089.6	2851.9	2708.6	2357.4	2984.7	2055.0	1744.0	1684.6
85°	2189.6	1908.3	1737.0	1328.1	1564.0	1815.6	2238.5	1106.2	877.2	795.1
87.5°	989.1	664.0	487.5	300.6	475.3	548.7	1086.9	129.3	99.6	103.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)